

Abstract

Apparatus and methods for co-application of physiologically active gas or vapor and drugs for the purpose of potentiating and/or controlling the effect of the drug and/or the physiologically active gas or vapor are provided, as well as apparatus allowing for improved flow control in gas dispensers. The methods include (i) simultaneous application of the gas and drug through inhalation or infusion and (ii) application of the drug and gas separately, with the drug applied by conventional means and the gas applied through inhalation or infusion of mucous membranes. Apparatus that include means for adjusting the particular mixture of gas and drug provided to the treated individual are described, as are apparatus that include a differential screw arrangement for controlling gas flow from a high pressure container.

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